



FIG. 1

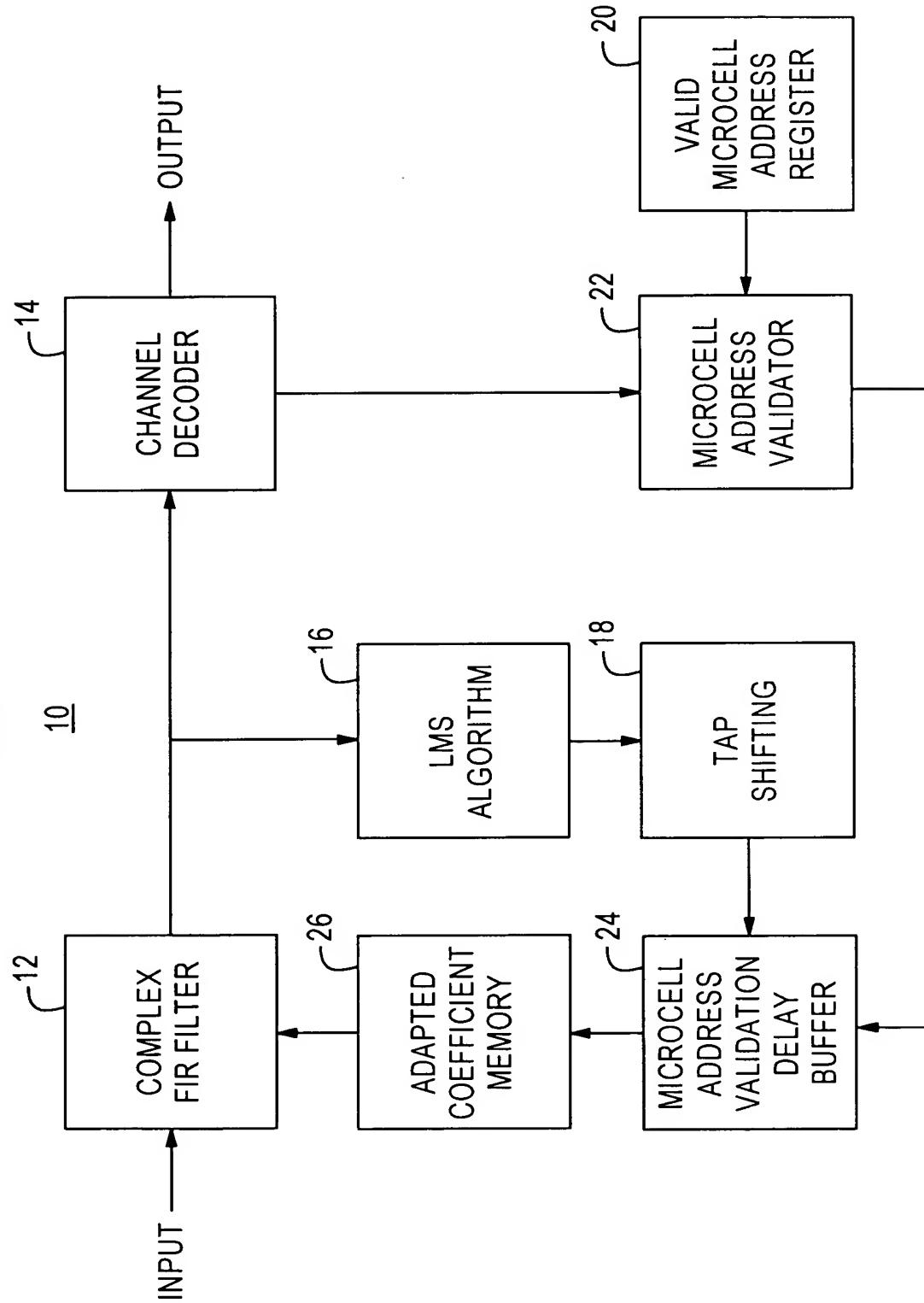


FIG. 2

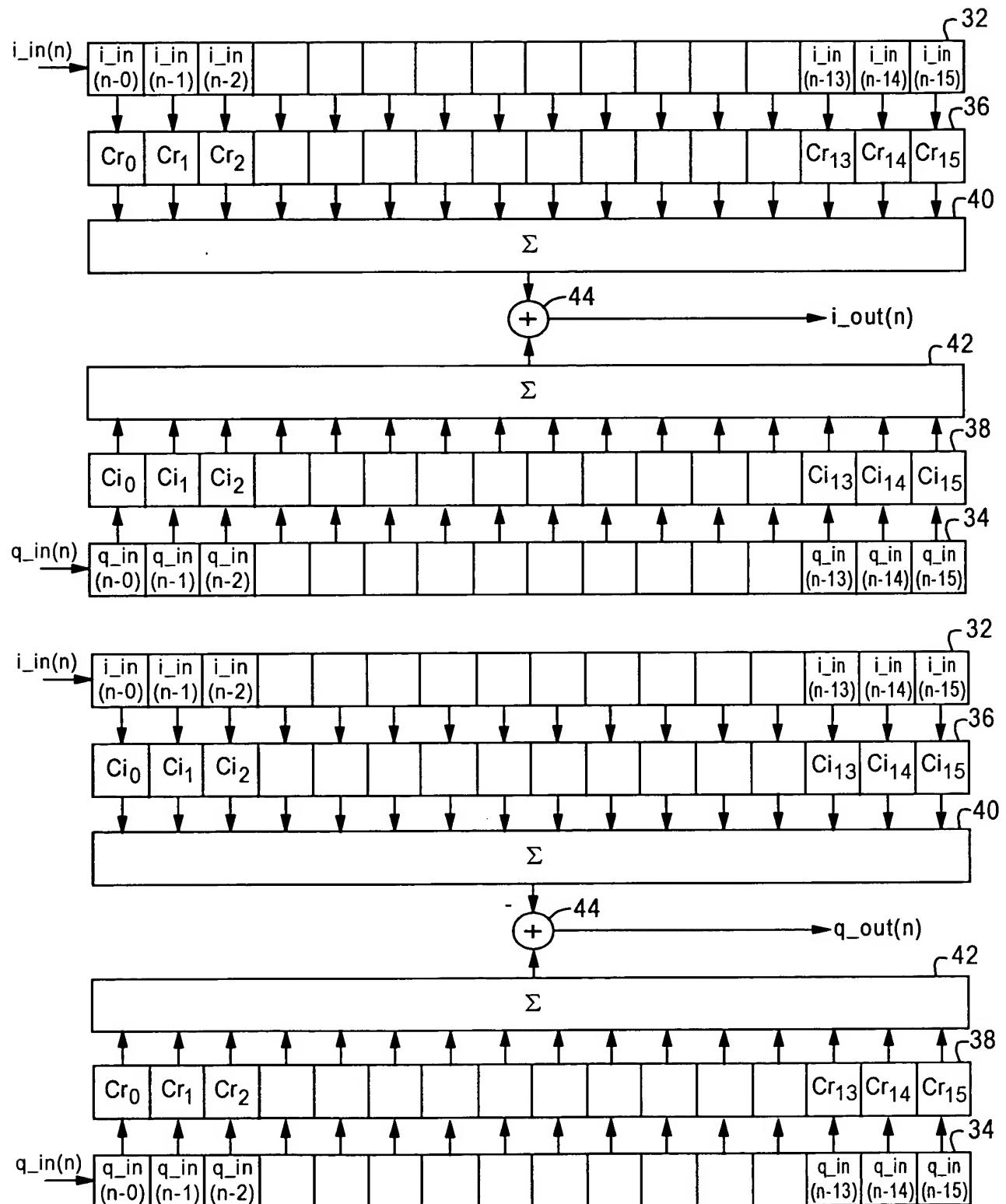


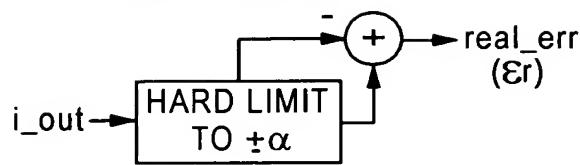
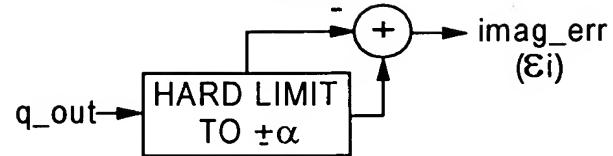
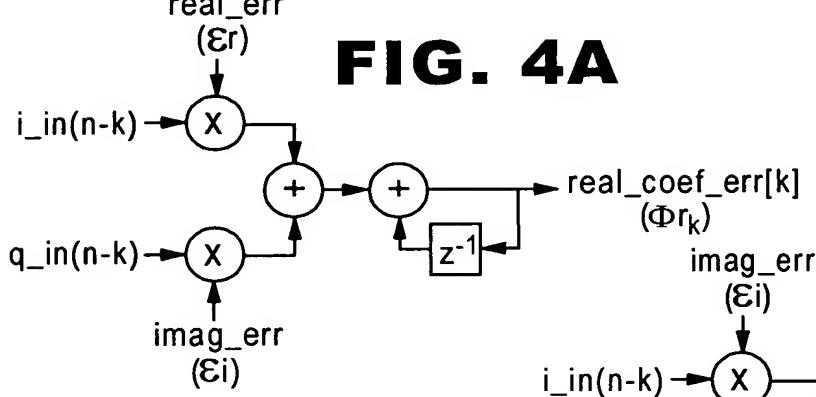
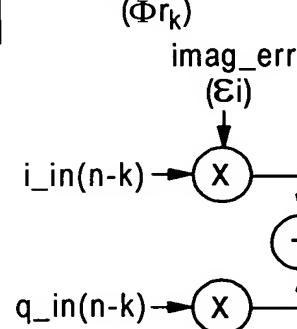
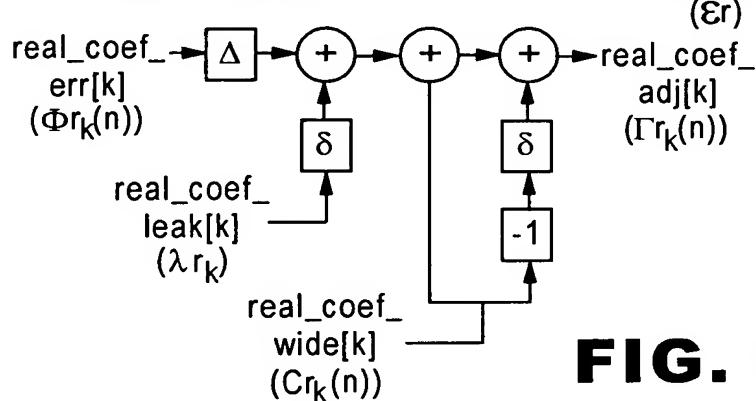
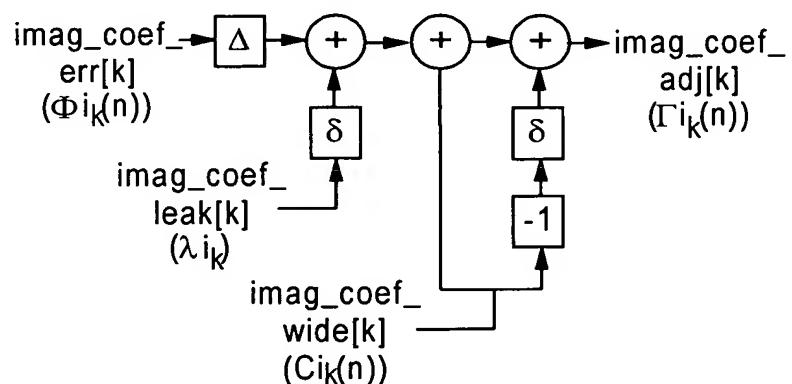
FIG. 3A**FIG. 3B** $real_err (\varepsilon_r)$ **FIG. 4A****FIG. 4B****FIG. 5A****FIG. 5B**

FIG. 6

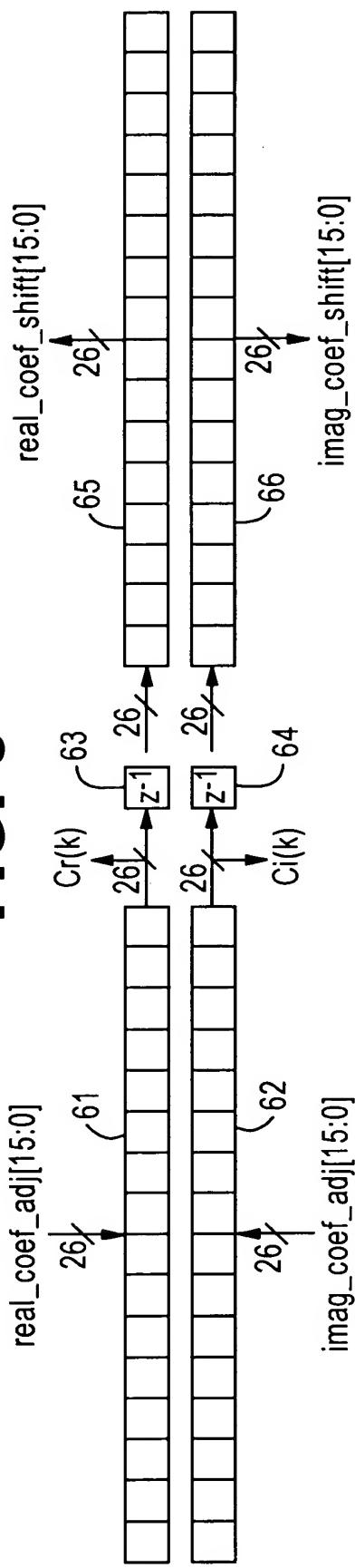


FIG. 8

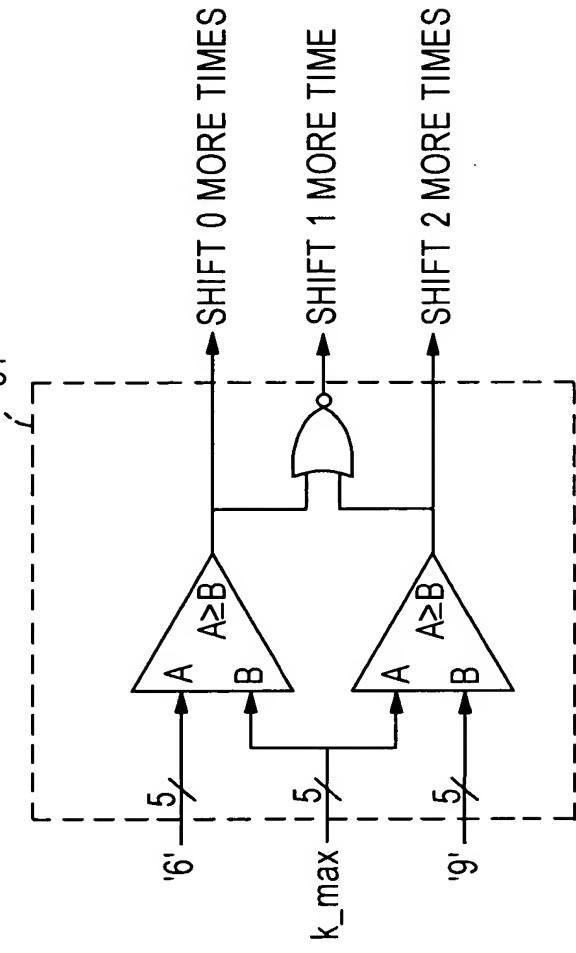
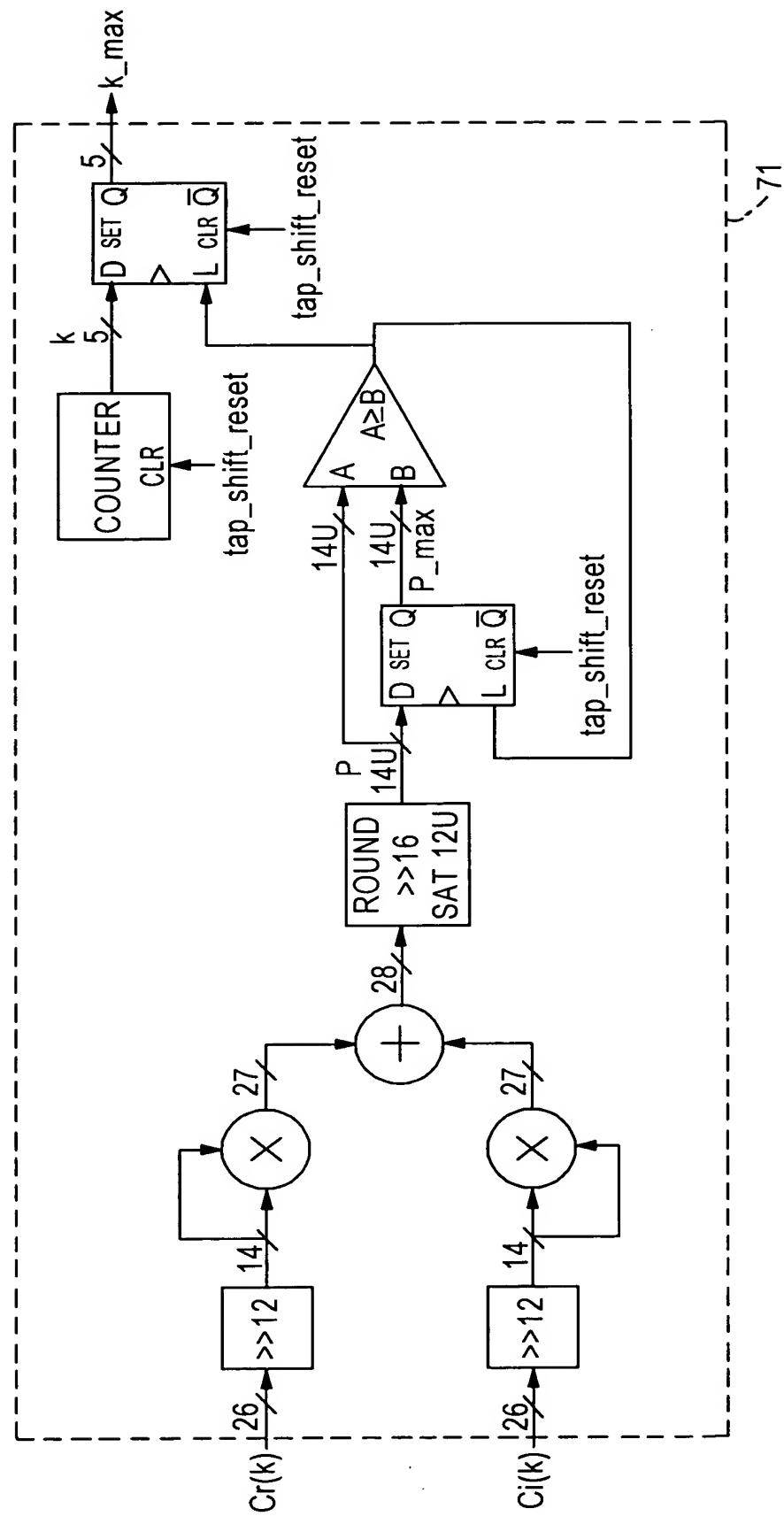


FIG. 7



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FIG. 9

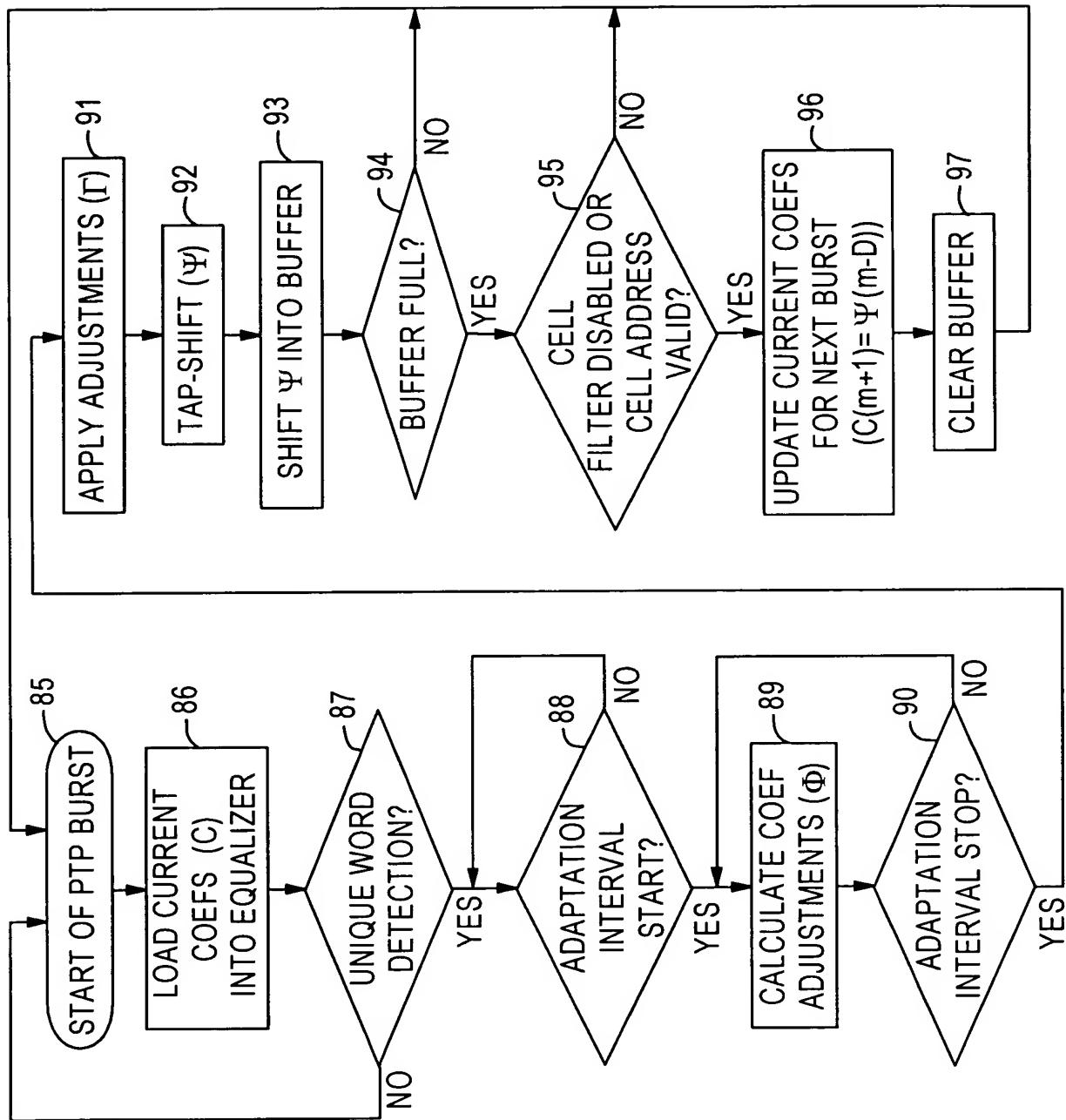


FIG. 10

CURRENT FILTER COEF

C0	C0	C0	C1	C1	C1	C4	C4	C7	C7	C7	C11	C11	C14
----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----

CELL FILTER BUFFER [0]

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17
-	C1	C2	-	C4	C5	-	C7	C8	-	C10	C11	C12	-	C14	C15	-
-	-	C1	-	-	C4	-	-	C7	-	-	C10	C11	-	-	C14	-

CELL FILTER BUFFER [1]

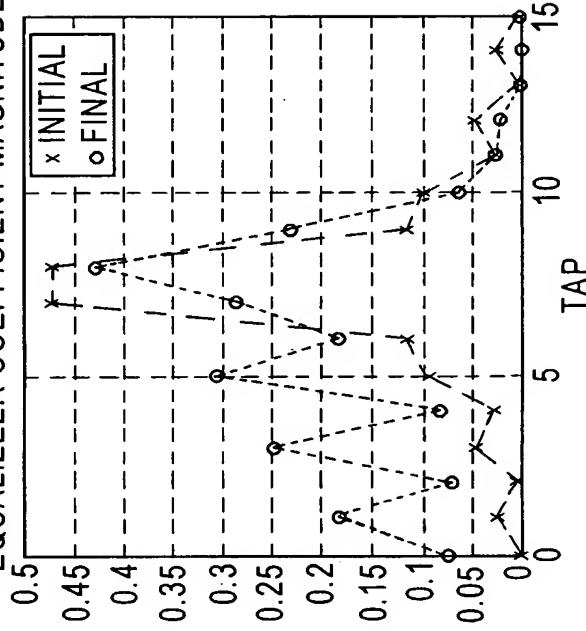
-	C1	C2	-	C4	C5	-	C7	C8	-	C10	C11	C12	-	C14	C15	-
-	-	C1	-	-	C4	-	-	C7	-	-	C10	C11	-	-	C14	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CELL FILTER BUFFER [2]

-	-	C1	-	-	C4	-	-	C7	-	-	C10	C11	-	-	C14	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

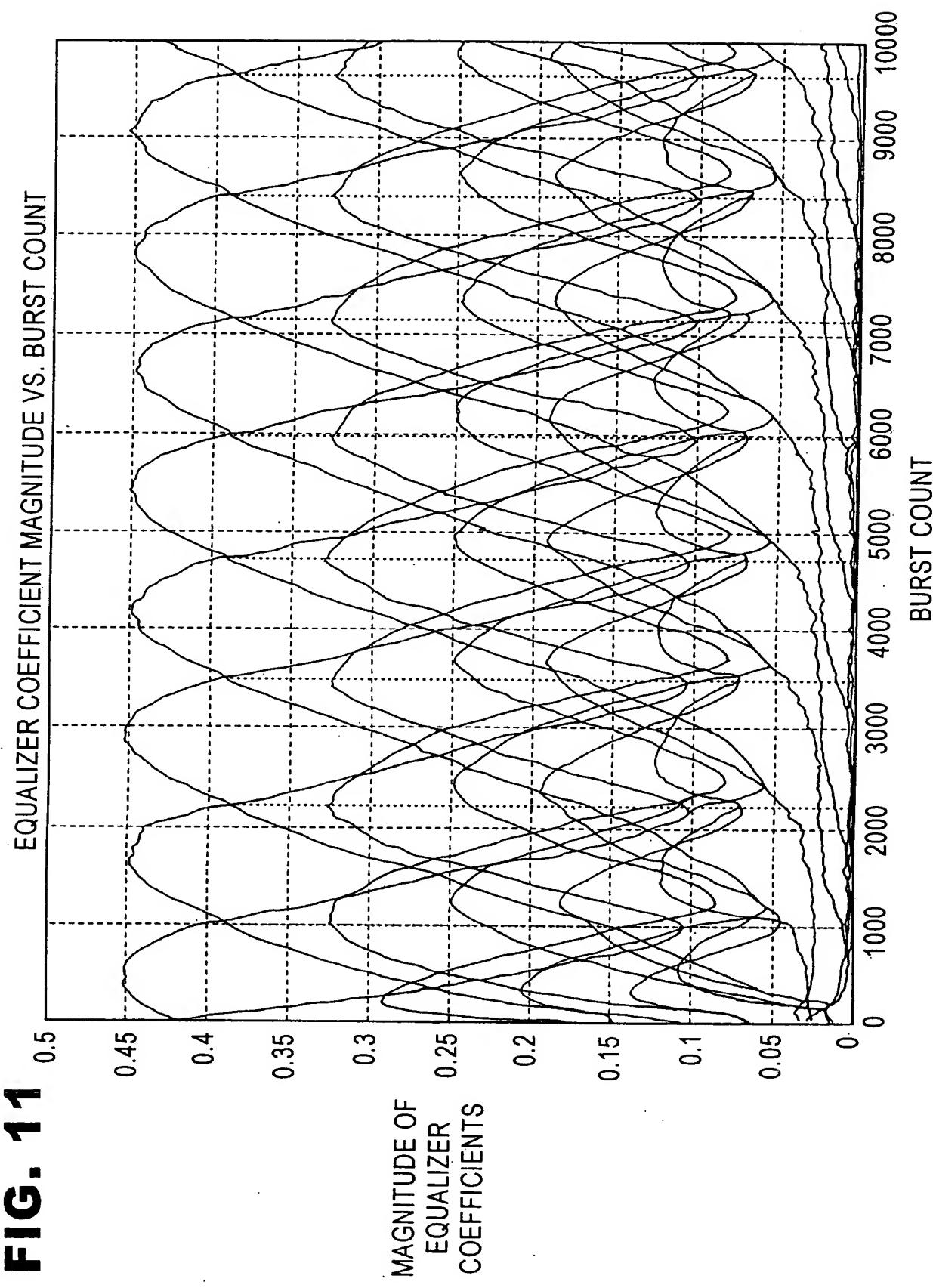
FIG. 12

EQUALIZER COEFFICIENT MAGNITUDES

**FIG. 15**

13° SCAN ANGLE	DEGRADATION (dB)
WITH MICROCELL ADDRESS VALIDATOR	1.0
WITHOUT MICROCELL ADDRESS VALIDATOR	1.7

FIG. 11



CROSS SCAN ANGLE
(DEG)

FIG. 13

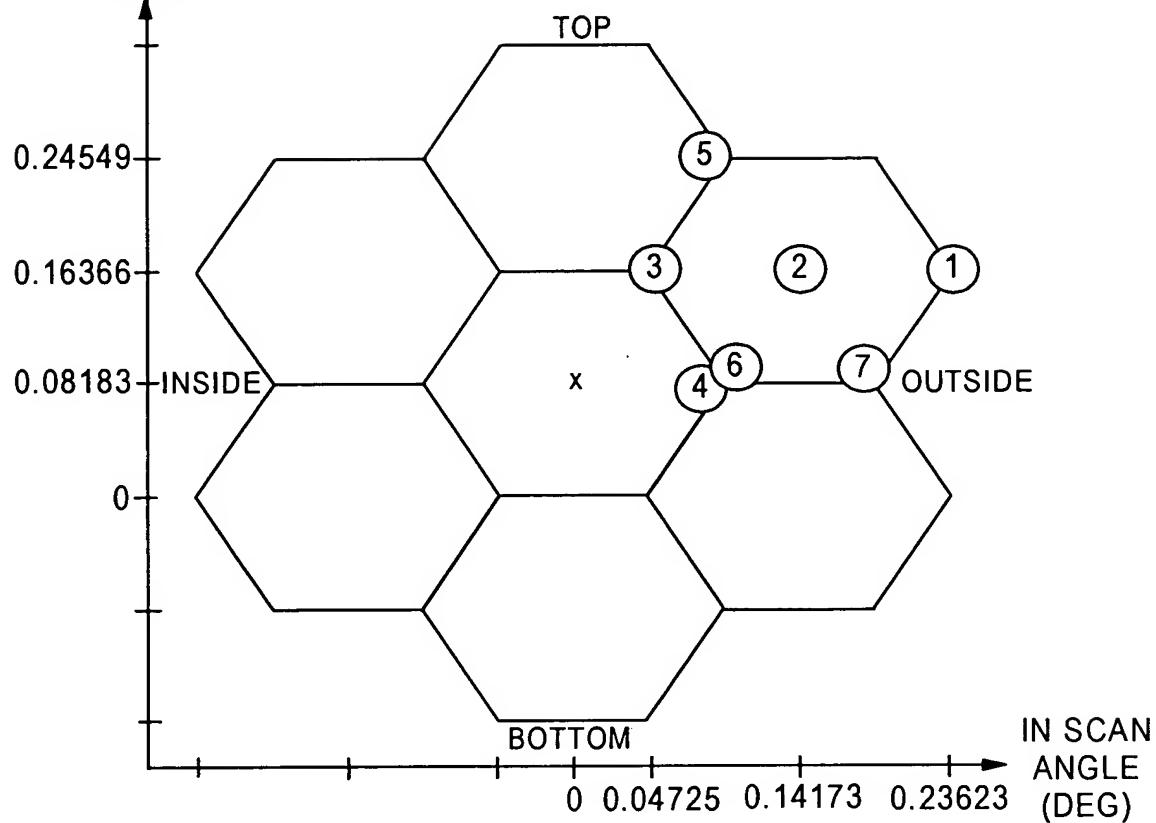


FIG. 14

